

AMENDMENTS

In The Claims:

Please amend the claims as follows.

23. (Previously presented) A communication system comprising:

(a) a hub for communicating at least one first signal and at least one second signal, converting the first signal into a radio frequency with an appropriate format and transmitting the first signal to conductive elements via an exciter;

(b) a probe for receiving the first signal, converting the first signal into the second signal and transmitting the second signal to the hub via the exciter;

wherein the conductive elements are conductive members selected from a conductive frameworks, electrical wires, metal walls or any combination thereof; and the conductive elements receive the second signal from the probe and transmit the second signal to the exciter.

24. (Currently amended) The system recited in claim 23, wherein the hub includes at least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a security controller, and a network processor.

25. (Currently amended) The system recited in claim 24, wherein the security controller processes signals from a camera or another hub comprising a receiver and a transmitter.

26. (Currently amended) The system recited in claim 23, wherein at least one of the first signal and the second signal are at a radio frequency between 0.5-100 MHz.

27. (Currently amended) The system recited in claim 23, wherein at least one of the first signal and the second signal includes information from at least one of a satellite television, a cable television, an Internet provider, a computing device, a phone provider, a DVD player, a computer, a television, DSL, and LAN.

28. (Currently amended) The system recited in claim 23, wherein the hub is connected to another hub by a hard wire or wirelessly.

29. (Currently amended) A communication method comprising the steps of:

- (a) communicating at least one first signal and at least one second signal, converting the first signal into a radio frequency with an appropriate format and transmitting the first signal to conductive elements via an exciter by a hub;
- (b) allowing a probe to receiving the first signal, to convert the first signal into the second signal and to transmit the second signal to the hub via the exciter;

wherein the conductive elements are conductive members selected from a conductive frameworks, electrical wires, metal walls or any combination thereof; and the conductive elements receive the second signal from the probe and transmit the second signal to the exciter.

30. (Currently amended) The method recited in claim 29, wherein the hub includes at least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a security controller, and a network processor.

31. (Currently amended) The method recited in claim 30, wherein the security controller processes signals from a camera or another hub comprising a receiver and a transmitter.

32. (Currently amended) The method recited in claim 29, wherein at least one of the first signal and the second signal is at a radio frequency between 0.5-100 MHz.

33. (Currently amended) The method recited in claim 29, wherein at least one of the first signal and the second signal includes information from at least one of a satellite television, a cable television, an Internet provider, a computing device, a phone provider, a DVD player, a computer, a television, DSL, and LAN.

34. (Currently amended) The method recited in claim 29, wherein the hub is connected to another hub by a hard wire or wirelessly.

35. (Currently amended) A hub utilizing for a communication system,
wherein the hub for communicating at least one first signal and at least one second signal, converting the first signal into a radio frequency with an appropriate format and transmitting the first signal to conductive elements via an exciter;
wherein the communication system includes a probe for receiving the first signal, converting the first signal into the second signal and transmitting the second signal to the hub via the exciter;

8 wherein the conductive elements are conductive members selected from a conductive
9 frameworks, electrical wires, metal walls or any combination thereof; and
10 the conductive elements receive the second signal from the probe and transmit the
11 second signal to the exciter.

1 36. (Currently amended) The hub recited in claim 35, wherein the hub includes at least one
2 of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a
3 security controller, and a network processor.

1 37. (Currently amended) The hub recited in claim 36, wherein the security controller
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

1 38. (Currently amended) The hub recited in claim 35, wherein at least one of the first signal
2 and the second signal is at a radio frequency between 0.5-100 MHz.

1 39. (Currently amended) The hub recited in claim 35, wherein at least one of the first signal
2 and the second signal includes information from at least one of a satellite television, a cable
3 television, an Internet provider, a computing device, a phone provider, a DVD player, a
4 computer, a television, DSL, and LAN.

1 40. (Currently amended) The hub recited in claim 35, wherein the hub is connected to
2 another hub by a hard wire or wirelessly.